

## SECURE DROP BOX

### CLAIMS

I claim:

1. A secure enclosure enclosing a secure compartment for storing items; including:
  - 2 a doorway for access to said secure compartment;
  - 4 a hasp;
  - 6 a door for covering said doorway, movable between an open position providing access to said secure compartment through said doorway and a closed position preventing access to said secure compartment through said doorway; including:
    - 8 an inside surface facing said secure compartment; and
    - 10 an outside surface opposite said inside surface;
    - 12 a rotary shackle padlock; including:
      - 14 a body;
      - 16 a rotary shackle movable between a locked position and an unlocked position; and
      - 18 rotary shackle drive means for moving said rotary shackle between locked and unlocked positions;
    - 20 said rotary shackle padlock rigidly attached to said door such that said rotary shackle engages said hasp to secure said door in the closed position; and such that said body of said rotary shackle padlock cannot move relative to said door; and such that said rotary shackle drive means is available for use.
  - 22 2. The secure enclosure of claim 1; wherein said rotary shackle padlock is attached to said outside surface of said door.
  - 24 3. The secure enclosure of claim 1, said enclosure further including:
    - 26 a lock housing for mounting said rotary shackle padlock upon said secure enclosure; said lock housing attached rigidly to said secure enclosure and providing
    - 28 reinforcement to said body of said rotary shackle padlock.

4. The secure enclosure of claim 3, said lock housing being attached to said outside  
2 surface of said door.
  
5. The secure enclosure of claim 4, said secure enclosure further including:  
2 an aperture through said door; and said hasp including:  
a tongue; including:  
4 a free end protruding from said secure enclosure and through said aperture  
when said door is in its closed position; and  
6 a bore through said free end, adapted to receive said rotary shackle of said  
rotary shackle padlock.
  
6. The secure enclosure of claim 3, said lock housing including:  
2 a back for contact with said door; including:  
two holes for passage of screws;  
4 two sides connected to said back;  
a bottom connected to said back for supporting said rotary shackle padlock and  
6 for preventing movement of said rotary shackle padlock downward relative to said door;  
a first, countersunk, screw for attaching said lock housing to said door; and  
8 a second, non-countersunk, screw for retaining said rotary shackle padlock against  
upward movement relative to said lock housing and for attaching said lock housing to  
10 said door; wherein said sides of said lock housing are adapted for snugly holding said  
body of said rotary shackle padlock against lateral or outward movement relative to said  
12 door.
  
7. The secure enclosure of claim 1, said secure enclosure further including:  
2 unsecured portal means for easily adding items to said secure compartment.
  
8. The secure enclosure of claim 7, said enclosure further including:  
2 baffle means for preventing removal of items from said secure compartment  
through said unsecured portal means.

9. The secure enclosure of claim 6, said sides of said lock housing including:
  - 2 grip means for improving a person's grip on said housing.
10. The secure enclosure of claim 7, said secure enclosure being adapted for receiving
  - 2 and storing mail.
11. The secure enclosure of claim 7, said secure enclosure being adapted for receiving
  - 2 and storing items of evidence for a law enforcement agency.
12. The secure enclosure of claim 7, said secure enclosure being adapted for receiving
  - 2 and storing keys and sets of keys attached to keyrings.
13. In combination:
  - 2 an enclosure for storage of items; including:
    - 4 a door movable between an open position and a closed position; including:
      - 4 an exterior face; and
      - 6 an interior face; and
    - 6 a hasp;
    - 8 a rotary shackle padlock; including:
      - 8 a body;
      - 10 a rotary shackle movable between a locked and an unlocked position; and
      - 10 rotary shackle drive means; and
    - 12 a lock lock housing attached to said door for rigidly attaching said rotary shackle
    - 12 padlock to said door such that said rotary shackle, in the locked position, engages said
    - 14 hasp to lock said door in the closed position; and such that said rotary shackle drive
    - 14 means is available when said door is locked; and such that said lock lock housing
    - reinforces said body of said rotary shackle padlock .
  14. The combination of claim 13, said lock lock housing including:
    - 2 a back for contact with said door; including:
      - two holes for passage of screws;

4 two sides connected to said back;  
a bottom connected to said back for supporting said rotary shackle padlock and  
6 for preventing movement of said rotary shackle padlock downward relative to said door;  
a first countersunk screw for attaching said lock housing to said door; and  
8 a second non-countersunk screw for retaining said rotary shackle padlock against  
upward movement relative to said housing; wherein said sides of said lock housing  
10 are adapted for snugly holding said body of said rotary shackle padlock against lateral or  
outward movement relative to said door.

15. The combination of claim 14, said lock lock housing disposed on said exterior face of  
2 said door such that said lock lock housing and said rotary shackle padlock are readily  
visible when said door is in a closed position.

16. A secure mailbox; including:

- 2 an enclosure; including:
  - a front wall;
  - 4 a back wall;
  - a pair of side walls; and
  - 6 a top; said front wall, said back wall, said pair of side walls, and said top

an outside surface opposite said inside surface;  
20 a rotary shackle padlock; including:  
a body;  
22 a rotary shackle movable between a locked position and an  
unlocked position; and  
24 rotary shackle drive means for moving said rotary shackle  
between locked and unlocked positions;  
26 said rotary shackle padlock rigidly attached to said door such that said rotary shackle  
engages said hasp to secure said door in the closed position; and such that said body of  
28 said rotary shackle padlock cannot move relative to said door; and such that said rotary  
shackle drive means is available for use.

17. The secure mailbox of claim 16; wherein said rotary shackle padlock is attached to  
2 said outside surface of said door.

18. The secure mailbox of claim 17, said mailbox further including:  
2 a lock lock housing for mounting said rotary shackle padlock upon said secure  
mailbox; said lock lock housing attached rigidly to said secure mailbox and providing  
4 reinforcement to said body of said rotary shackle padlock.

19. The secure mailbox of claim 18, said lock lock housing including:  
2 a back for contact with said door; including:  
two holes for passage of screws;  
4 two sides connected to said back;  
a bottom connected to said back for supporting said rotary shackle padlock and  
6 for preventing movement of said rotary shackle padlock downward relative to said door;  
a first, countersunk, screw for attaching said lock lock housing to said door; and  
8 a second, non-countersunk, screw for retaining said rotary shackle padlock against  
upward movement relative to said lock lock housing and for attaching said lock lock  
10 housing to said door; wherein said sides of said lock lock housing are adapted for snugly

12 holding said body of said rotary shackle padlock against lateral or outward movement  
relative to said door.

20. The secure mailbox of claim 16, said mailbox further including:  
2 baffle means for preventing removal of items from said secure compartment  
through said hatch.